

REMARKS

In the Office Action, the Examiner rejected claims 30 and 31 pursuant to 35 U.S.C. § 103(a) as unpatentable over Gray et al. (U.S. Patent No. 5,151,855). Claims 1-29 were allowed. Applicants respectfully request reconsideration of the rejections of independent claim 30 and dependent claim 31.

Claim 30 has been amended, but not narrowed. The shorthand reference “(a)” has been replaced with the text to which “(a)” refers for ease of reading and not for reasons of patentability.

Independent claim 30 claims attempting to place a main application processor in a suspend state and removing voltage to the main application processor without a reset attempt if the attempt to place the processor in the suspend state fails. Gray et al. attempt to turn-off processors and then turns off the voltage (Col. 3, lines 17-32 and Col. 4, lines 1-5). Since the power is to be removed due to the ignition of the car being turned off, the removal of voltage is not conditional (Col. 4, lines 1-10). In Gray et al., the voltage is removed in all cases, not just if an attempt to enter a suspend state fails as claimed in claim 30.

Gray et al. also attempt to place the processors in an off state, not a suspend state. The Examiner alleges it would have been obvious to recognize that an off state could be interpreted as a suspend state. As known in the art, an off state is different than a suspend state. A suspend state keeps sections of the processor still active, resulting in a draw of power. The off state does not draw power as much power. Gray et al. use the off state to avoid draining a car battery when the ignition is off. To avoid drains on the car battery while the car is off, a person of ordinary skill in the art would have used suspend state in the process of Gray et al. By using the process in a car and having the shutdown triggered in response to an “ignition off,” Gray et al. teach away from attempting a suspend state.


Dependent claim 31 is allowable for the same reasons noted above for independent claim 30. Claim 31 further claims a suspend-to-RAM state. Gray et al. use an off state, so do not suggest a suspend-to-RAM state.

Also attached are copies of previously submitted 1449's. Signed copies of the 1449s have not been received by Applicants. Please provide initialed and signed copies of the 1449s.

CONCLUSION:

Applicants respectfully submit that all of the pending claims are in condition for allowance and seeks early allowance thereof. If for any reason, the Examiner is unable to allow the application but believes that an interview would be helpful to resolve any issues, he is respectfully requested to call the undersigned at (312) 321-4726.

Respectfully submitted,



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